



TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/637,847
		Filing Date	August 7, 2003
		First Named Inventor	Hansen, Carl L.
		Art Unit	1732
		Examiner Name	Unassigned
Total Number of Pages in This Submission	5	Attorney Docket Number	20174C-004940US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement (2 pgs) w/attached PTO/SB/08B (1 pg); (citing refs 1-12) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Kent J. Tobin Reg. No. 39,496
Signature	
Date	6/9/04

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	EDWARD MASINAS		
Signature		Date	6-14-04

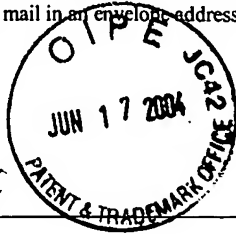
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
Attorney Docket No.: 20174C-004940US
Client Reference No.: CIT-3484-CIP-
CIP-CIP

On

6-14-04



TOWNSEND and TOWNSEND and CREW LLP

By:

Edward Masinas

Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

CARL L. HANSEN et al.

Application No.: 10/637,847

Filed: August 7, 2003

For: MICROFLUIDIC PROTEIN
CRYSTALLOGRAPHY

☐

Examiner: Unassigned

Art Unit: 1732

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

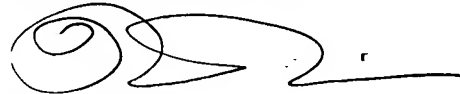
Sir:

The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/887,997, filed June 22, 2001 (Attorney Docket No. 20174C-004900US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

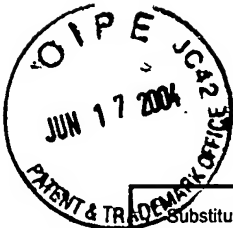
Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, consisting of a large, stylized 'K' followed by a horizontal line.

Kent J. Tobin
Reg. No. 39,496

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
KJT:rms
60232492 v1



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/637,847		
		Filing Date	August 7, 2003		
		First Named Inventor	Hansen, Carl L.		
		Art Unit	1732		
		Examiner Name	Unassigned		
Sheet	1	of	1	Attorney Docket Number	20174C-004940US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	CARTER et al., Protein Crystallization Using Incomplete Factorial Experiments, the Journal of Biological Chemistry, 1979, pp. 12219-12223, Vol. 254, No. 23.	
	2	CARTER et al., Statistical Design of Experiments for Protein Crystal Growth and the Use of a Precrystallization Assay, Journal of Crystal Growth 90, 1998, pp. 60-73.	
	3	JARAMILLO et al., Crystallization and Cryocrystallography inside X-ray capillaries, J. Appl. Cryst. (2001). 34, pp. 365-370.	
	4	KAMHOLZ et al., Quantitative Analysis of Molecular Interaction in a Microfluidic Channel: The T-Sensor, Analytical Chemistry, Vol. 71, No. 23, December 1, 1999, pp. 5340-5347.	
	5	LIN et al., Convective-diffusive transport in protein crystal growth, Journal of Crystal Growth, 151 (1995), pp. 153-162.	
	6	LUFT et al., Kinetic Aspects of Macromolecular Crystallization, Methods in Enzymology, 1997, pp. 110-130, Vol. 276.	
	7	MILLER et al., A Comparison between Protein Crystals Grown with Vapor Diffusion Methods in Microgravity and Protein Crystals using a Gel Liquid-liquid diffusion Ground-Based Method, Journal of Crystal Growth 132 (1992), pp. 306-309	
	8	NERAD et al., Ground-Based Experiments on the Minimization of Convention During the Growth of Crystals From Solution, Journal of Crystal Growth, 1986, pp. 591-608, Vol. 75.	
	9	RUIZ et al., Agarose as Crystallization Media for Proteins I: Transport Processes, Journal of Crystal Growth, 2001, pp. 165-172, Vol. 232.	
	10	RUIZ et al., Investigations on Protein Crystal Growth by the Gel Acupuncture Method, Acta Crystallographica, 1994, pp. 484-490, Section D.	
	11	SALEMME, A Free Interface Diffusion Technique for the Crystallization of Proteins for X-Ray Crystallography, Archives of Biochemistry and Biophysics, 1972, pp. 533-539, Vol. 151.	
	12	THOMAS et al., Distribution coefficients of Protein Impurities in Ferritin and Lysozyme Crystals Self-Purification in Microgravity, Journal of Crystal Growth 211 (2000), pp. 149-156.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.